

C L A I M S

1. Moulding equipment (2) for concrete moulding machines of the kind which are typically used for the production of
5 mould items in the form of tiles and bricks for paving and wall constructions, and comprising a cell-divided under-part (16) with cells (18) which are open both upwards- and downwards, and which define the desired basic shape of the individual paving tiles or bricks, and a corresponding upper-part
10 (2) which from an upper retaining plate (4) has downwards-extending pressure plungers (6) which are formed with lower pressure plates (8) which pass down into the respective, underlying cells (18) in the under-part (16), and are hereby usable for downwards ejection of the mould items from the
15 cells (18), c h a r a c t e r i s e d in that the upper-part (2), alternatively the under-part (16), comprises means (20, 24) which ensure that the pressure plates (8) maintain their position opposite the sides, or their guiding engagement with the sides (14) of the therewith corresponding cells (18) in
20 the under-part (16), when the under-part (16) is raised to a certain minimum height which is greater than the thickness of the mould items.

2. Moulding equipment (2) according to claim 1, c h a r a c t e r i s e d in that the means which ensure that
25 the pressure plates (8) maintain their position outside, or their guiding engagement with the sides (14) of the therewith corresponding cells (18) in the under-part (16), consist of the upper-part (2) comprising at least one guiding pressure plate (8') which is configured with upwards extension (20) so
30 that it maintains guiding engagement with the sides (14) of the therewith corresponding cell (18) in the under-part (16) when this is raised to a certain minimum height which is greater than the thickness of the thinnest or lowest under-parts.

3. Moulding equipment (2) according to claim 2, c h
a r a c t e r i s e d in that the guiding pressure plate
(8') consists of a pressure plate with an increased thickness
in relation to the remaining pressure plates in the upper-
5 part (2).

4. Moulding equipment (2) according to claim 2, c h
a r a c t e r i s e d in that the guiding pressure plate
(8') consists of a pressure plate which along the periphery
of the upper side, or at least partly on opposite parts of
10 the periphery, is provided with an upright edge (20), the
outer periphery (24) of which is coincident with the periphe-
ry (26) of the pressure plate.

~~5. Moulding equipment (2) according to any of the
claims 2-4, c h a c t e r i s e d in that the upper-part (2)
comprises at least two or more guiding pressure plates (8').~~

6. Moulding equipment (2) according to claim 1,
where the means which ensure that the pressure plates (8)
maintain guiding engagement with the sides (14) of the the-
rewith corresponding cell (18) in the under-part (16), con-
20 sist of stops (24) in the form of stop-pins extending
downwards from the upper-part's retaining plate (4), which
are precisely of such a length that they will ensure a rele-
vant maximum bringing-together of the upper-part and under-
part of the moulding equipment by their abutment against cor-
25 responding areas of the upper-side of the under-part (16)
when this is raised for the releasing of the mould items,

c h a r a c t e r i s e d in that a stop-pin (24) appe-
ars as a threaded spindle which is inserted through a hole in
the associated retaining plate (4), and is secured to this by
30 the tightening of a nut (26), i.e. as a simple bolt faste-
ning.

7. Moulding equipment (2) according to claim 6, c h
a r a c t e r i s e d in that the stop-pins (24) can appear
with variable, but mutually identical lengths, where a bolt

head on the threaded pin (24) is replaced by a nut (26) which can be adjusted to different positions on the threaded spindle, and herewith determine different operative lengths of the spindle.

5 8. Moulding equipment (2) according to claim 6 or 7, characterised in that the stop-pins (24) extend upright from and are fastened to the under-part (16).

9. ~~Moulding equipment (2) according to any of the~~
claims 6-8, characterised in that the stop-pins
comprise shock absorbers.

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